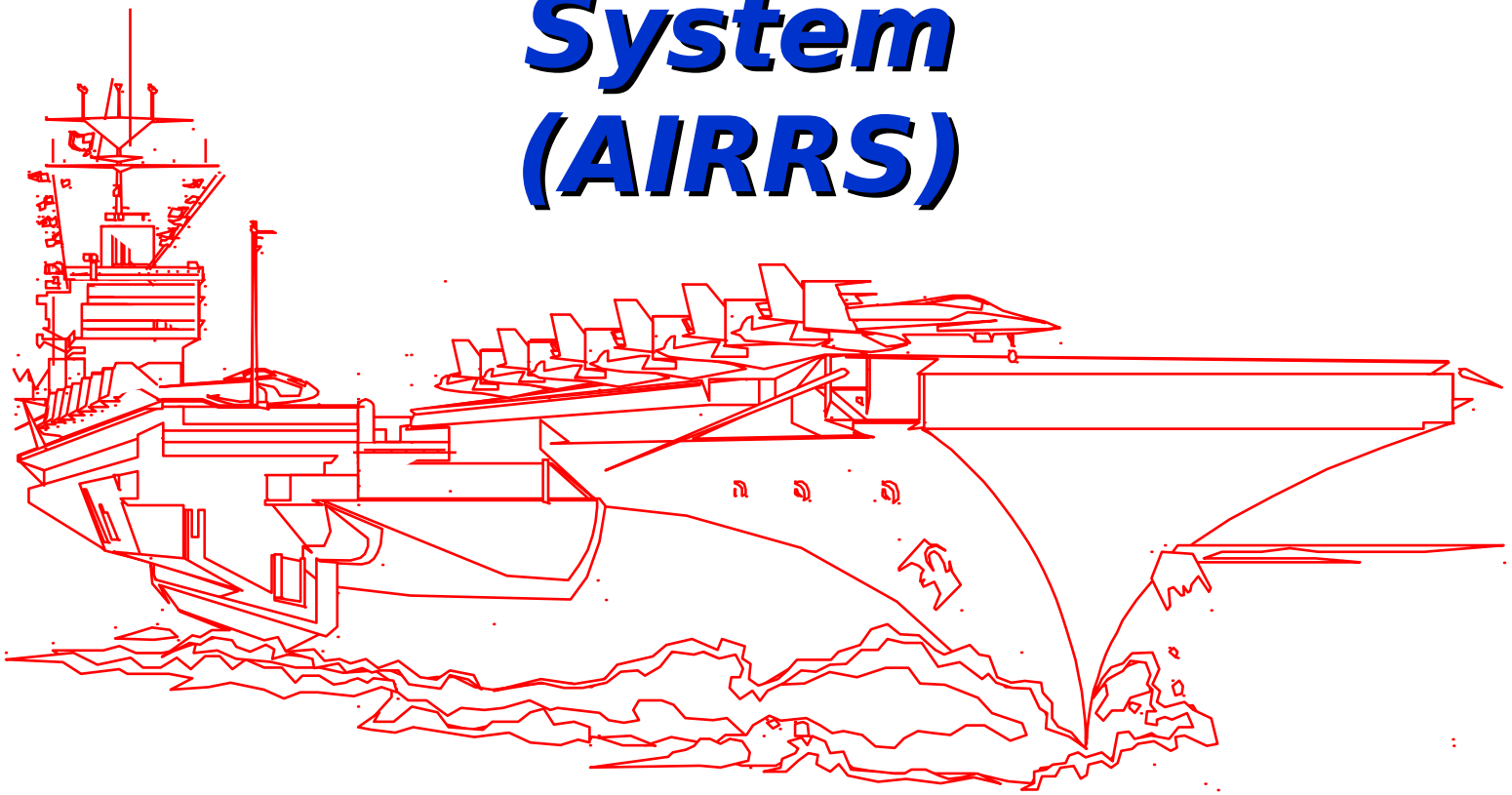
Naval Aviation Logistics Data Analysis

Aircraft Inventory and Readiness Reporting System (AIRRS)



06 May 02

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AIRRS Points Of Contact

NALDA IDE
Integrated Data Environment

- ***Access Request***

  https://logistics.navair.navy.mil/support.cfm ***Select Access Info***

- ***Technical Support***

  NALDA Support Desk (800) 624-6621

- ***Project Lead***

  COMM (301) 757-8933 DSN 757-8933

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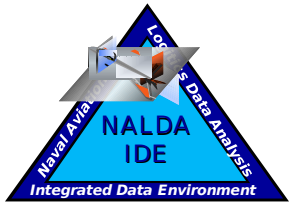
AIRRS Program



- ***Single Point Entry of:***
  - ✔ A/C Inventory and Status Changes
  - ✔ A/C Flight Hours and Utilization
- ***Eliminates Messages and Manual Reporting Systems***
- ***Streamlines Validation Effort***
- ***Establishes an On-Line Single Master Database of:***
  - ✔ Aircraft Inventory
  - ✔ Aircraft Readiness and Utilization
  - ✔ Aircraft Type Equipment Codes
  - ✔ Organizational Code

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AIRRS Purpose

NALDA IDE
Integrated Data Environment

- ***Provides Near Real-Time Data for:***
  - ✔ **Aircraft Inventory**
  - ✔ **Aircraft Readiness**

- ***Provides information and tools for use from organizational maintenance levels to OSD which contributes to proactive aircraft inventory management.***

- ***Effectively utilizes on-line and automated processing through data transfer.***

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Access

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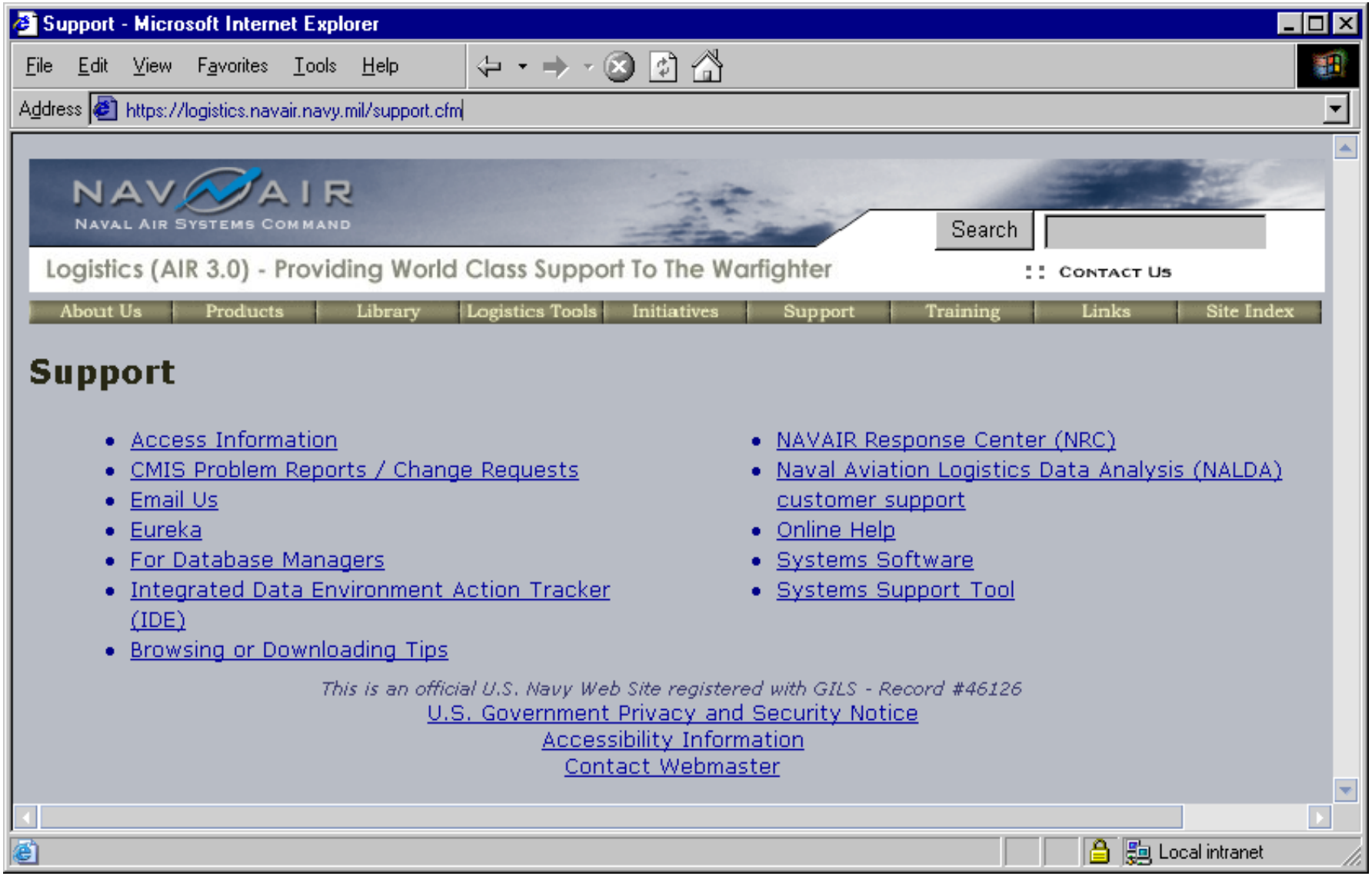
Integrated Data Environment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Browsing or Downloading Tips
NAVAIR Response Center (NRC)
Naval Aviation Logistics Data Analysis (NALDA) customer support
Online Help
Systems Software
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AIRRS Application

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Integrated Data Environment

System Requirements

- ✔ 486 or better
- ✔ 16 MB RAM
- ✔ Windows 95/98/NT
- ✔ 25 MB of storage space. (Hard Drive)

Internet Browsers

- ✔ Netscape Navigator
- ✔ Microsoft Internet Explorer

Set your browser to

https://logistics.navair.navy.mil/airrs/index.cfm

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AIRRS Web Page

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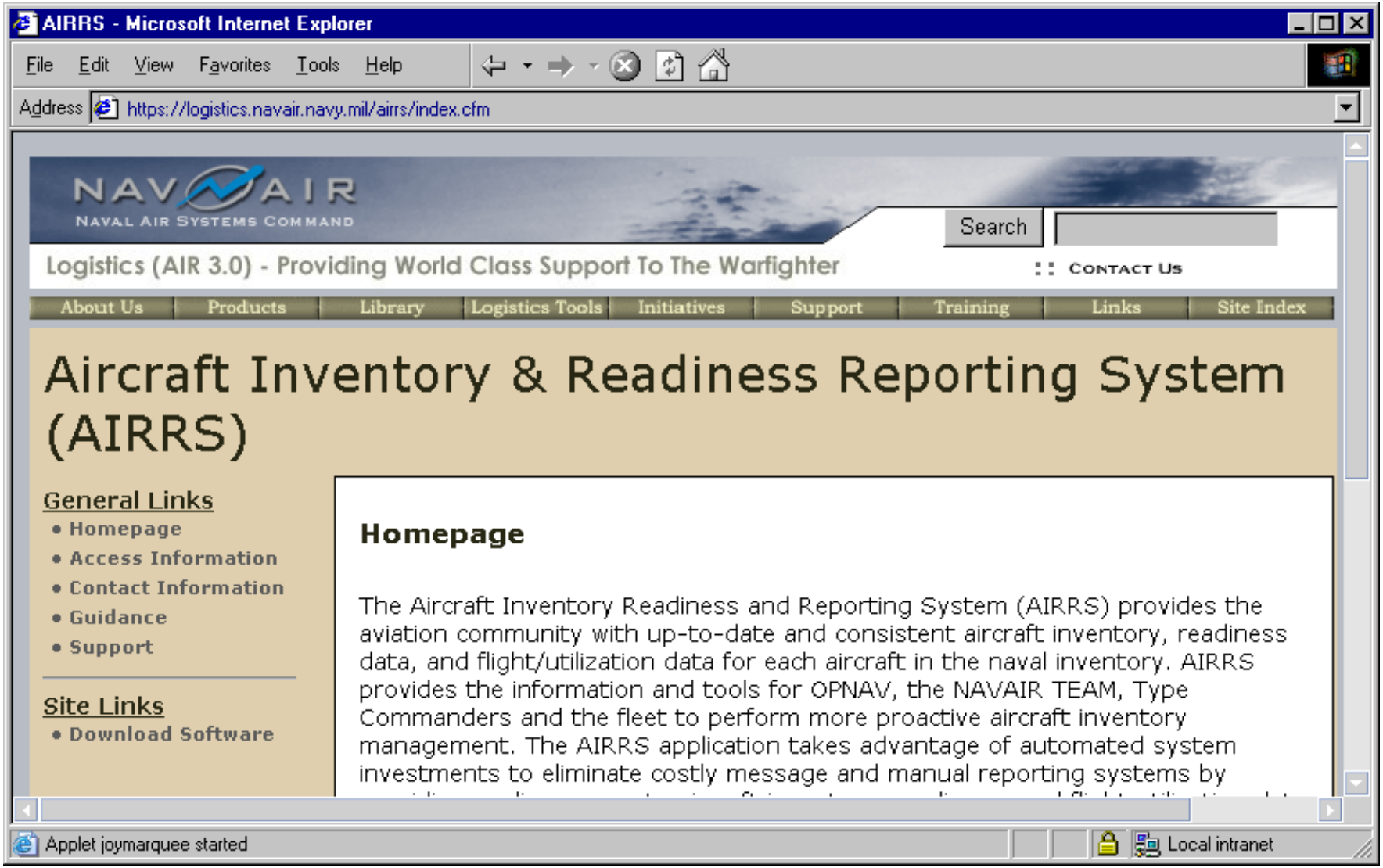
Integrated Data Environment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Aircraft Inventory & Readiness Reporting System (AIRRS)
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• Homepage
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• Guidance
• Support
Site Links
• Download Software
Homepage
The Aircraft Inventory Readiness and Reporting System (AIRRS) provides the aviation community with up-to-date and consistent aircraft inventory, readiness data, and flight/utilization data for each aircraft in the naval inventory. AIRRS provides the information and tools for OPNAV, the NAVAIR TEAM, Type Commanders and the fleet to perform more proactive aircraft inventory management. The AIRRS application takes advantage of automated system investments to eliminate costly message and manual reporting systems by
Applet joymarquee started
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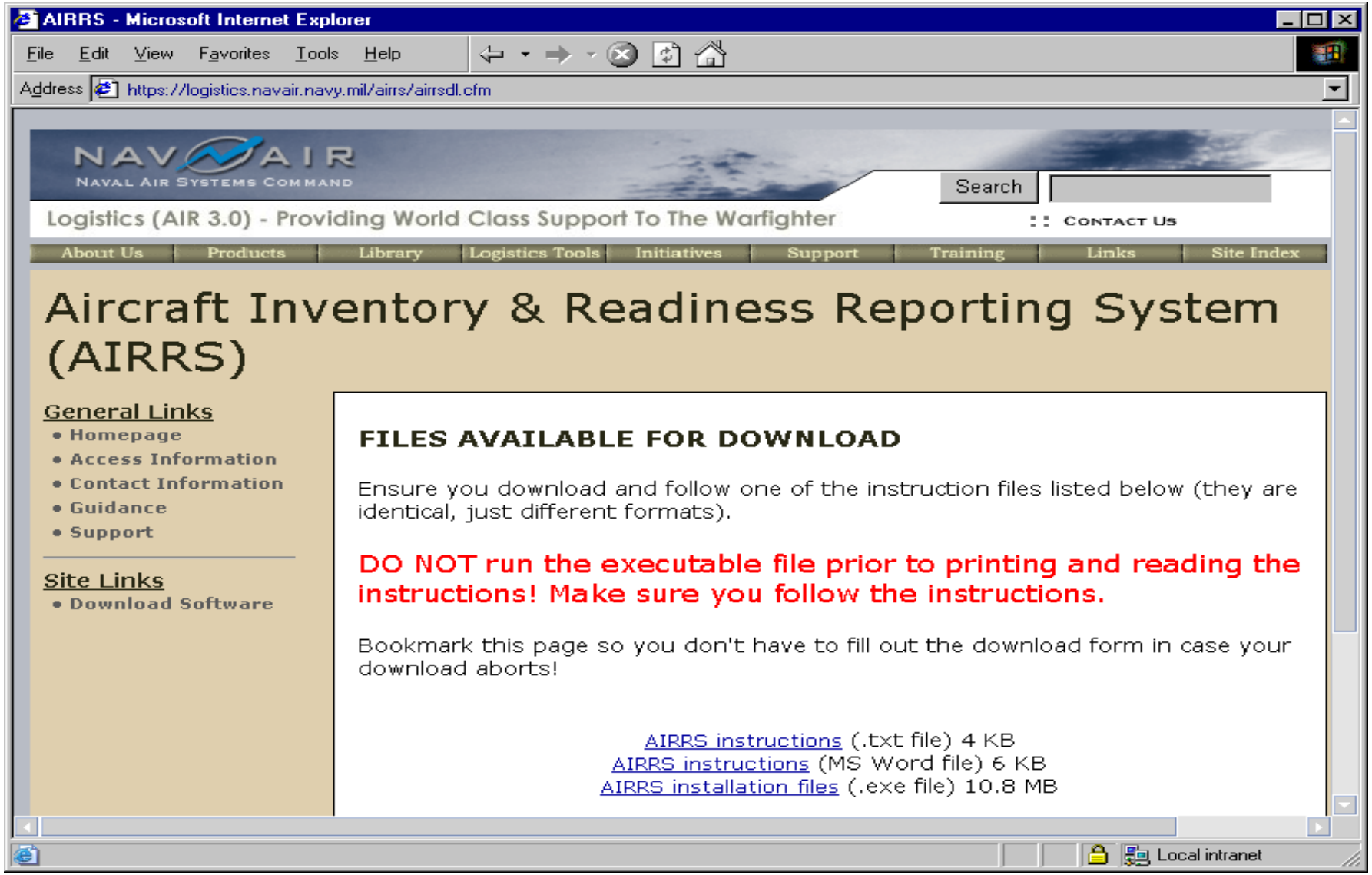
AIRRS Web Site

NALDA IDE — Integrated Data Environment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Address https://logistics.navair.navy.mil/airrs/airrsdl.cfm
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• Guidance
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Site Links
• Download Software
FILES AVAILABLE FOR DOWNLOAD
Ensure you download and follow one of the instruction files listed below (they are identical, just different formats).
DO NOT run the executable file prior to printing and reading the instructions! Make sure you follow the instructions.
Bookmark this page so you don't have to fill out the download form in case your download aborts!
AIRRS instructions (.txt file) 4 KB
AIRRS instructions (MS Word file) 6 KB
AIRRS installation files (.exe file) 10.8 MB
Local intranet

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AIRRS Data

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Integrated Data Environment

- ***Inventory - Detailed information on each aircraft including but not limited to:***
  - ✔ **Aircraft Controlling Custodian (ACC)**
  - ✔ **Reporting Custodian**
  - ✔ **Aircraft Status**
  - ✔ **Operating Service Life**
  - ✔ **Hours in Life**
  - ✔ **Age Distribution**
  - ✔ **Predicted Retirement (based on factors such as operating service life, engineering service life, average utilization and others).**

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AIRRS Data (cont.)

NALDA IDE
Integrated Data Environment

- ***Readiness - Includes but not limited to:***
  - ✔ **Current and Historical SCIR Data**
  - ✔ **Tracking Hours Reported as FMC, MC, PMC, and NMC by Aircraft.**
  - ✔ **3M Summary Data by BUNO, TMS, Squadron, Wing, and ACC.**
  - ✔ **Summarized Monthly Flight Utilization**

- ***Authoritative source for:***
  - ✔ **Aircraft Type Equipment Codes**
  - ✔ **AV3M Organization Codes**

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AIRRS USERS

NALDA IDE
Integrated Data Environment

- *Office of the Secretary of Defense (OSD)*
- *Secretary of the Navy*
- *Chief of Naval Operations (CNO)*
- *Commandant of the Marine Corps*
- *NAVICP*
- *PMA*
- *Type Commander*
- *Wings*
- *Fleet*

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Reports

NALDA IDE
Integrated Data Environment

- ***Inventory***
  - ✓ **Average Hours in Life**
  - ✓ **Change in Inventory by Quarter**
  - ✓ **Summarized reports for Units, TYCOMs, Classification and TMS**
  - ✓ **Inventory by Age**
  - ✓ **L-17 and L-17A (Pipeline)**
  - ✓ **Retirement Distribution**
  - ✓ **Total Aircraft Inventory**

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AdHoc Query Tool

NALDA IDE
Integrated Data Environment

- Data available
  - ✓ **AIRRS History**
  - ✓ **RT-79 Data**
  - ✓ **XRAYs and AUDITS**
  - ✓ **Organization Data**
  - ✓ **Aircraft Custody**
  - ✓ **Latest Aircraft Information**

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Other Reports

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Integrated Data Environment

- *Non-categorized reports*
  - ✓ **RT79 Non Reporting Units**
  - ✓ **Audit Non Reporting Units**
  - ✓ **Five Year Attrition Rate**

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RT79 Non Reporting Units

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Integrated Data Environment

Month Missing	Reporting Aircraft	Reported Aircraft	Missing on 22nd	August 01 Missing	22nd %	August 01 %
Apr-00	4024	3938	412	86	89.76%	97.86%
May-00	3943	3893	652	50	83.46%	98.73%
Jun-00	4007	3980	792	27	80.23%	99.33%
Jul-00	4006	3850	916	82	77.13%	97.95%
Aug-00	4010	3953	1270	57	68.33%	98.58%
Sep-00	4009	3964	426	44	89.37%	98.90%
Oct- 00	4014	3981	1121	32	72.07%	99.20%
Nov-00	3994	3888	461	105	88.46%	97.37%
Dec-00	4012	3958	805	51	79.94%	98.73%
Jan-01	3991	3919	606	63	84.82%	98.42%
Feb-01	4019	3906	162	92	95.97%	97.71%
Mar-01	4011	3867	144	59	96.41%	98.53%
Apr-01	4019	3296	723	107	82.01%	97.34%

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XRAY Processing

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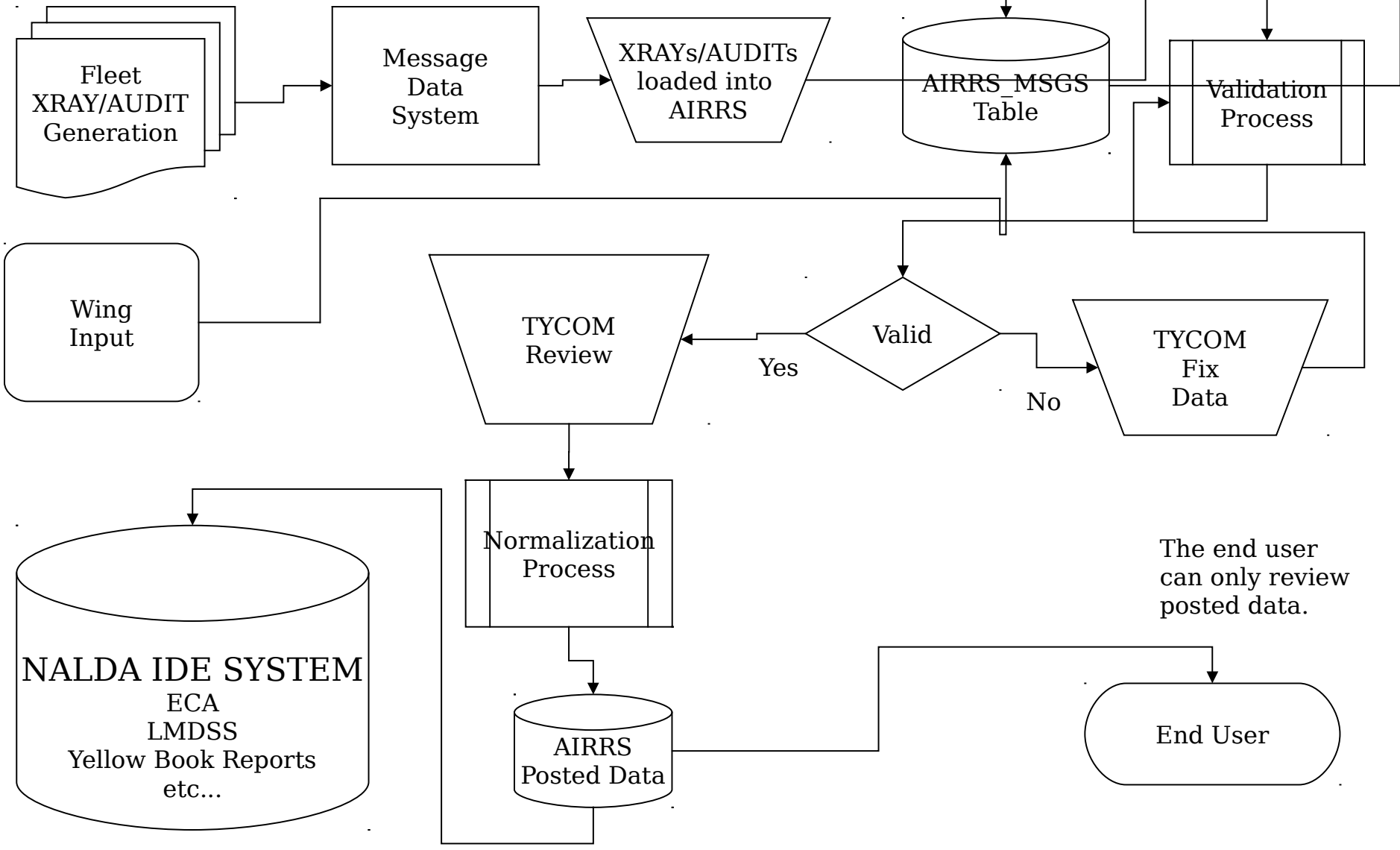

The end user can only review posted data.

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RT-79 Data Processing within AIRRS